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**PATENT APPLICATION
DOCKET # 5034-0001**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Michael G. Taylor

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Serial No.: 10/728,247

Group Art Unit: Unknown

Filed: December 4, 2003

Examiner: Unknown

For: COHERENT OPTICAL DETECTION AND SIGNAL PROCESSING METHOD AND
SYSTEM

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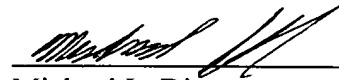
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Pursuant to 37 CFR §1.56 and in accordance with 37 CFR §§1.97-1.98 information relating to the above-identified application is hereby disclosed. Copies of each of the reference listed on the attached Form PTO/SB/08B is enclosed herewith. Certain of the reference may contain markings,

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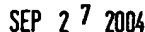
Respectfully submitted,



Michael L. Diaz
Registration No. 40,588

Dated: 9-24-04

Michael L. Diaz, P.C.
555 Republic Drive, Suite 200
Plano, Texas 75074
(972) 578-5669



Approved for use through 07/31/2006. OMB 0651-0031

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Complete if Known

Application Number	10/728247
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Filing Date	12-04-2003
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First Named Inventor	Michael G. Taylor
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Art Unit

Examiner Name _____

Attorney Docket Number	5034-0001
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Sheet	1	of	1
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U. S. PATENT DOCUMENTS

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Application Number	10/728,247
Filing Date	12-04-2003
First Named Inventor	Michael G. Taylor
Art Unit	
Examiner Name	
Attorney Docket Number	5034-0001

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HABBAB ET AL., "Polarization-Switching Techniques for Coherent Optical Communications," Journal of Lightwave Technology, Oct. 1988.	
		ENNING ET AL., "Signal Processing in an Optical Polarization Diversity Receiver for 560-Mbit/s ASK Heterodyne Detection," Journal of Lightwave Technology, March 1989.	
		ELREFAIE ET AL., "Chromatic Dispersion Limitations in Coherent Lightwave Transmission Systems," Journal of Lightwave Technology, May 1988.	
		CHIKAMA ET AL., "Modulation and Demodulation Techniques in Optical Heterodyne PSK Transmission Systems," Journal of Lightwave Technology, March 1990.	
		BULOW ET AL., "Electronic PMD Mitigation-from Linear Equalization to Maximum-Likelihood Detection," Optical Society of America, 2000.	
		BULOW ET AL., "PMD mitigation at 10Gbit/s using linear and nonlinear Integrated Electronic Equalizer Circuits," Electronics Letters, 20 Jan. 2000.	
		BRAIN ET AL., "Progress Towards the Field Deployment of Coherent Optical Fiber Systems," Journal of Lightwave Technology, March 1990.	
		Agazzi ET AL., "DSP-Based Equalization for Optical Channels," Presentation at IEEE 802.3ae Meeting, New Orleans, Sept. 12-14, 2000.	

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